

# SCI-TECH NEWS

SPECIAL LIBRARIES ASSOCIATION

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*The Official Bulletin of the*

SCIENCE-TECHNOLOGY DIVISION  
SPECIAL LIBRARIES ASSOCIATION

CHEMISTRY · ENGINEERING · PAPER · PETROLEUM · PHARMACEUTICAL · PUBLIC UTILITIES

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No. 2

## SCI-TECH NEWS AND PUBLIC RELATIONS

Ransom L. Richardson, Editor of the ALA BULLETIN, spoke at the American Library Association summer meeting about publishing this bulletin. One remark could be applied to any publication catering to a membership group: "Our object here, quite frankly, is to catch and hold the interest of the actual or potential ALA member, in the hope that some of the interest, even enthusiasm may eventually be transferred to the ALA itself. In a word—this approach intends to be a public relations way of strengthening membership." (American Library Association Library Periodicals Round Table NEWSLETTER Vol. 3, No. 3, July 1956).

Is this not a worthy objective for SCI-TECH NEWS? Could we consider that it fosters an exchange of ideas among the Sections and that it might give an over-all perspective of Science-Technology Division activities to new members and to those who do not capture the enthusiasm of Chapter meetings and conventions? Might news of a proposed project stir the imagination of a silent member and spark him into activity with consequent good to the member and to the Division?

Those who are in a position to send information for SCI-TECH NEWS—and that could be any member of the Division—please remember this public relations function. Details which seem to be a matter of routine to you who know the pros and cons of your business may rouse the interest of one of nearly 2000 members who read the NEWS. Each Section individually and the Division as a whole are involved in many a worthwhile project. Chapters have stimulating programs. Individual members give talks, do things and receive honors which would make good reading.

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## "IT'S YOUR DIVISION"

*Richard C. Gremling*

This is our current policy—the forward look in Division administration.

A back-to-the-Division started last season. Most comment shows a new sense of cohesion between Sections, a definite interest in inter-Sectional projects, a Division-wide rapport.

"IT'S YOUR DIVISION" is a policy that you, as an individual member, can support. Our Division works best when you work with it. You supply the grist, someone turns the wheels, you get the flour—this is teamwork at its best. The same applies to Sci-Tech where you suggest, your officers find a method, and you reap the professional benefits.

"IT'S YOUR DIVISION" is being carried into SCI-TECH NEWS. Publication schedules have been expanded to permit more coverage of Section news. Each member can support this as a project—contribute more—and more—and more.

## SCI-TECH NEWS

Editor ..... LOIS BROCK  
The General Tire & Rubber Company  
Akron 9, Ohio

Associate Editor ..... BERNARD LANE  
Nucleonics Department, General Electric Co.  
Richland, Washington

Abstract Editor ..... GERTRUDE SCHUTZE  
Grace Chemical Research & Development Co.  
Division of W. R. Grace & Co.  
3 Hanover Square  
New York 4, N. Y.

## SCI-TECH DIVISION OFFICERS AND CHARMEN

1956 - 1957

Chairman ..... Mr. Richard C. Gremling  
Bell Telephone Laboratories  
Murray Hill, New Jersey

Vice Chairman, Chairman-Elect ..... Mr. Sidney J. Bragg  
Continental Oil Company  
Ponca City, Oklahoma

Secretary-Treasurer ..... Miss Alice V. Neil  
Research Laboratory, General Electric Company  
Schenectady, New York

Program ..... Mr. Sidney J. Bragg

S-T Convention Representative ..... Miss Hanna Friedenstein  
Godfrey L. Cabot, Inc.  
38 Memorial Drive, Cambridge 32, Massachusetts

Nominating ..... Mrs. Margaret Rocq  
Standard Oil Company of California  
225 Bush Street, San Francisco 20, California

Membership ..... Mr. Fred C. Battell  
Minnesota and Ontario Paper Company  
Minneapolis, Minnesota

Scientific Meetings List ..... Miss Gertrude Bloomer  
William S. Merrill Company  
Cincinnati, Ohio

Union List Committee ..... Miss Leola Michaels  
Carbonyl Department, General Electric Company  
Detroit 32, Michigan

Duplicate Exchange ..... Mr. Herbert White  
Chance Vought Aircraft, Inc.  
Dallas, Texas

PB-Index ..... Mr. Ellis Mount  
Federal Telecommunication Laboratories  
Nuxley 10, New Jersey

Archivist ..... Miss Helen M. Craig  
135 East 50th Street, New York 22, New York

\*  
The problem of semantics was aptly summarized by the generalization: Why don't they ask for it the way I catalogued it?

## MINUTES OF THE

### ANNUAL BUSINESS MEETING

Mellon Institute

June 6, 1956

The meeting was called to order at 1:15 P.M. by Mr. Bernard Fry, Division chairman.

Mr. Fry stated that one of the prime objectives of the administration of the past year was to provide a unifying influence for the Division; that they endeavored to bring about a basis for integrating the interests and activities of the membership in order to give a stronger feeling of unity within the Division and Section units. There were three major programs in attaining this objective:

1. The year's program was planned primarily as a Division program, with emphasis on eliminating overlapping activities and duplication of efforts.

2. At the Advisory Committee meetings on November 5 in New York and on March 4 in Milwaukee, emphasis was directed at a Division-wide program for recruitment, management research and advancement of technical librarianship.

3. The establishment of three committees:

a. A committee to strengthen the position of Science-Technology Libraries in relation to management and to advance their professional recognition, under chairmanship of Margaret Hilligan. The Chairman noted that libraries today must prove, rather than sell themselves, to management.

b. A committee on Recruitment and Education, as announced in the September issue of Sci-Tech News. The Chairman noted a lack of concrete results in this field. It was felt though that recruitment emphasis should be placed in upper-grade college levels, and directed specifically toward those in the science fields, rather than at a high school level, where students have not yet developed as to future plans. Investigations were made with Deans of Library Schools.

c. A Professional Standards Committee, in lieu of the Professional Activities Committee, which was abolished by the Executive Board. Preliminary studies are being made on the functions and purposes of such a committee.

\*

Overheard in an elevator at the William Penn: "Must be some sort of convention going on." "Yes, I think it's the Service Libraries Association." SERVICE—that's our middle name!

### Division Chairman's Recommendations

In view of the increase in membership of more than one hundred over the past year, and the expansion of activities, including the addition of a new Paper and Textiles Section, Chairman Fry proposed that the present officer structure was inadequate, and recommended as a solution that the position of Secretary-Treasurer be reconstituted into two separate positions. He further recommended, in order to provide continuity, that a two-year tenure be established for each of these positions.

Mr. Fry recommended that the Executive Committee be required to prepare an annual budget in July of each year, to be submitted for the approval of the Advisory Committee. He further recommended that the approved budget be published in the first Fall edition of Sci-Tech News.

In regard to Sci-Tech News, the Chairman recommended that consideration be given to the possibility of publishing on a quarterly, rather than a semi-annual basis. He also referred to the possibility of merging the News with Special Libraries. Under this procedure it would be possible to devote a certain number of pages in each issue of Special Libraries exclusively to items of interest to Sci-Tech members. The Chairman reported that the Advisory Board had reacted favorably to this proposition, noting that the same monies that now were allocated to Sci-Tech News could be channeled to Special Libraries for coverage of Sci-Tech Division activities.

### Section Chairmen Reports

**Chemistry Section....**Chairman Gilberta Torrey reported that the Chemistry Section's major project had been the development of a subject heading list, with the anticipation of indexing the American Institute of Chemical Engineers transactions. Fern Bloom and Frances Pinches from the Cleveland Chapter have compiled an extensive list of approximately sixty pages, and would welcome suggestions regarding this listing from other members.

**Engineering Section....**Chairman Frank Long reported that his section had issued a news letter containing a revised membership listing. Mr. Long stated that his section wished to go on record as being in favor of providing Special Libraries with Sci-Tech Division news, rather than publishing a separate paper.

\*

In Pittsburgh, if you turn over any stone, you are likely to find the name of Mellon.

**Paper and Textiles Section....**Chairman David Weiser reported that since this section was formed on June 15, 1955, the membership now at 68, had nearly doubled. He reported that his section was working on a micro-card project for the listing of paper and textile journals. He also reported the formation of a Classification and Subject Heading Committee. The Paper and Textiles Section published a section newsletter quarterly, and a "Bright Ideas" notebook. As new projects he noted a duplicate exchange listing and a survey of members for new project ideas.

**Petroleum Section....**Vice Chairman Charles Zerwekh, Jr. reported a membership of 238 as of April 1956. Regarding the Petroleum Periodicals Project, the Chairman made recommendations of changes in format based on SLA Publications Division recommendations. One of their projects of the past year was a directory of the sources of statistical data. A sample of this directory has been prepared and is now under consideration by the committee. A section manual was completed and is now available to officers.

**Pharmaceutical Section....**Chairman Jewell Maurice reported that this section had continued their activities over the past year, including publication of Unlisted Drugs and COPNIP, and that the section now was in the process of preparing a guidebook manual.

**Public Utilities Section .....**No report was forthcoming.

Chairman Fry noted that all Section Chairmen had submitted an annual report, and Section reports may be published in the Fall edition of Sci-Tech News.

### Division Projects

Alberta Brown, president-elect, reported that exploratory work had been completed on a scientific meetings list. A meeting has been called for June 7 to discuss ways and means of producing this list, in view of the fact that Miss Brown will no longer be able to function as Chairman of this project.

Miss Rachel MacDonald reported regarding the Union List. The work is advancing slowly, in view of the fact that seven of the ten members who agreed to assist on this project are no longer active. Miss MacDonald remarked that it required seven man-hours of work to produce one inch of cards for the printer. Chairman Fry complimented the members who have given their

time to this project, and expressed hopes for its early completion.

Chairman Fry reported that the List of Subject Headings for Chemistry, New Edition, had been discontinued because of resignations of the committee members and would have to be resumed as a new project.

#### Division Reports

The Treasurer's Report was summarized by Chairman Fry for Anne Tripp. This report will appear in Sci-Tech News.

Mr. Fred Battell, Chairman of the Membership Committee, reported a gain of 159 members over the past year, bringing present membership to 1,946. Chairman Fry suggested that the functions of the Membership Chairman might be re-evaluated, in view of the fact that headquarters records now fulfill the assigned duties of the Membership Chairman to a great extent.

Miss Lois Brock, Editor of Sci-Tech News, reminded Section Chairmen that the News would be glad to carry minutes and news of section activities, and hoped for a further interchange of news between the various sections. In regard to funds, it is hoped to consider new and more efficient means of reproduction which might conceivably bring the cost to approximately three hundred fifty dollars an issue. The possibility of a merger with Special Libraries would require further study as well as executive approval. If the authorized number of issues remains at two per year, there is a possibility that the abstracts might be discontinued.

Miss Margaret Hilligan commended the Sci-Tech News and its editor for their activities, and hoped that it could continue as a Division publication, with an increase in the number of issues.

Chairman Fry reported on a survey made on chapter bulletins, which indicated that most chapters felt their continued existence essential. It was suggested that part of the net income from 1955-56, which was approximately eight hundred dollars, might be channeled to cover the cost of at least two issues.

After a discussion on the floor, the Chairman recommended that the matter be placed before the new officers and the Advisory Council.

\*

A practical application of psychology, according to banquet speaker, Emilie Jacobson, is the fact that in America one is never too old to be a "girl".

#### New Business

**Numerical Index.....** The question of whether Science-Technology Division should undertake a revision of bringing the P B Reports up to date was discussed from the floor. A show of hands indicated that the majority present were in favor, with a specific request that the revision include a continuation of the correlation index.

Mr. Herbert White proposed that since libraries overlap in section areas, it would be convenient to establish a duplicate exchange program which would make information from the various sections available to all of the sections. Mr. Zerwekh from the Petroleum Section stated that his section would be glad to cooperate in a duplicate exchange. In answer to a question as to whether the Division would have the first choice on this exchange list, Mr. Bragg replied that this would be the case, and that what remained would then go into another group to be exchanged. Dr. Taube suggested that the U.S. Book Exchange might provide an answer to this problem. Mr. Herbert White then put his proposal to a motion:

"That each Section Chairman be asked to appoint a member to serve on a Division committee to see that duplicate exchange lists that remain after the Sections have chosen, be coordinated and combined into a list to be given Division circulation."

Mr. White then amended his motion to include a request for a cost and time analysis of the proposed project. The amendment called specifically for the establishment of a committee to make a survey and propose recommendations with respect to the entire problem—the desirability of circulating each section list or a consolidated list—and to submit their report with recommendations to the Advisory Council.

The motion, as amended, was approved by the majority present.

It was requested that consideration be given to allocating special funds to assist in compiling the Union List. Miss MacDonald stated that it might be possible to employ a student to work on this project. Chairman Fry proposed that the matter would be referred to the Advisory Council for further action.

Chairman Fry proposed that a copy of the by-laws be published in an early issue of the Sci-Tech News.

Pittsburgh maintains 23 miles of stairs!

## LOST LEGAL EXPERT

PCI AUG 15 1956 1119AM CONTINENTAL  
OIL CO PONCA CITY OKLA

### SCI-TECH MEMBERS

CAN YOU PIN POINT THE MAN WHOSE  
SPEECH AT AN SLA CONVENTION AS-  
SSERTED THAT ALL COPYING OF COPY-  
RIGHTED MATERIAL CAN BE ILLEGAL  
BUT . . . SEND ANY INFORMATION  
TO SID BRAGG, PROGRAM CHAIRMAN,  
DRAWER 1267, PONCA CITY, OKLAHOMA.  
WE NEED A SPEAKER ON THE PROTEC-  
TION OF LITERARY PROPERTY.

S J BRAGG

Chairman Fry proposed the following amendments to the by-laws.

1. That Paragraph C, Section 1, be amended to provide that the position of Secretary-Treasurer be reconstituted into two positions, a Secretary and a Treasurer, beginning one year from this date.

Since approval from the floor was indicated, the matter will be referred to the Executive Committee for the procedure of balloting by mail.

2. It was further motioned that these positions be elected for a two year term and that these offices would be elected in alternate years. Since approval from the floor was indicated, the matter will be referred to the Executive Committee for the procedure of balloting by mail. The second motion would be conditioned upon acceptance of final motion.

3. The following proposal was motioned by Chairman Fry:

That Paragraph D, Section 1 of the by-laws require that the Executive Committee prepare an annual budget in July of each year, subject to the approval of the Advisory Committee, and that this budget be published in the next issue of Sci-Tech News.

The Chairman noted that there had been a number of expressions of opinion from the membership regarding the fact that journals were sometimes irresponsible with respect to binding,

margins, etc. He declared that the matter of standardization in periodicals would be called to the consideration of the Advisory Committee, and that everything possible would be done to make known the opinions of the librarians with respect to what was needed in format, etc.

The report of the Elections Committee was submitted by Chairman Fry on behalf of James L. Olsen who named Richard C. Gremling as Chairman-elect; Sidney Bragg as Vice Chairman-elect; and Miss Alice V. Neil as Secretary-Treasurer.

The meeting then was turned over to Mr. Gremling who expressed his appreciation to all outgoing officers and reminded the officers and committee chairmen of an Advisory Committee meeting in Parlor D at the William Penn Hotel on June 7. New Committees for the following year were named.

The meeting adjourned at 2:55 p.m.

## WITH THE SECTIONS

### Chemistry

Chairman	Mrs. Valborg Jacoby 1013 Donnell Street, St. Louis 15, Missouri
Vice Chairman	Miss Hanna Friedenstein Godfrey L. Cabot, Inc. 38 Memorial Drive, Cambridge 42, Massachusetts
Secretary-Treasurer	Miss Mary E. Mitchell E. I. DuPont de Nemours & Co. Parlin, New Jersey

At election time, 942 ballots were sent out. Weekly changes in membership range from 7 to 67.

Chemistry Section chairman, Valborg Jacoby, has resigned from Anheuser-Busch. She took a trip to Europe late in the summer, planning to return about September 18.

### *Message from Program Chairman*

Will members of the Chemistry Section please make their preferences known as to speakers and topics at the 1957 Convention in Boston. The Chemistry Section has been asked to provide at least one speaker on a joint Sci-Tech Division program, as in 1956. I would very much appreciate hearing from all of you, as soon as possible, as to what subjects or speakers would be of particular interest to you.

The following general topics have been suggested so far: (1) Management cost trends in information searching; (2) Experimental cost as

compared with library searching cost; (3) Techniques that supply information to the boss; (4) Special lessons for special librarians; (5) Reproduction of literary property. Does any one of these appeal to you particularly? Or do you have some other topic at heart which you'd like to have discussed?

Also, if you have any strong feeling (pro or con) on having a separate session for the Chemistry Section, as well as cooperating in the Sci-Tech program, please be sure to let me know. I can't promise to comply with everyone's wishes, but I can do even less if I don't know what they are.

Hope to see you all in Boston next May.

Hanna Friedenstein  
(Vice-Chairman, Chemistry Section)  
Godfrey L. Cabot, Inc.  
38 Memorial Drive  
Cambridge 42, Massachusetts

## Engineering

Chairman ..... Miss Madeline F. Canova  
U. S. Naval Ordnance Test Station  
China Lake, California

Vice Chairman, Chairman-Elect. John Michael Connor  
U. S. Naval Air Missile Test Center  
Point Mugu, California

Secretary-Treasurer ..... Edward Arnold Chapman  
Rensselaer Polytechnic Institute  
Troy, New York

Membership totalled 842 as of May 1, 1956. 212 members attended the annual convention in Pittsburgh. Only 25 or 30 were present for the Section's business meeting, and only 386 cast ballots in the last election.

## Paper

Chairman ..... David R. Weiser  
Champion Paper and Fibre Co.  
Hamilton, Ohio

Vice-Chairman ..... Ralph B. Baker  
American Viscose Corp.  
Marcus Hook, Pennsylvania

Secretary-Treasurer ..... Alison Finnemore  
Pulp & Paper Research Institute of Canada  
3420 University Street, Montreal 2, Canada

Publicity Chairman ..... Miss Dorothy Gates  
Marathon Corporation  
Rothschild, Wisconsin

Membership August 10, 1956 stood at 72. Eighteen persons attended the annual business meeting.

Two albums were shown at the convention. One contained photographs of some libraries in this Section, the other had samples of publications distributed by members. These notebooks will be kept by the Section secretary and will be available for loan upon request.

Committees: The Classifications Committee under Louise Lefebvre as chairman has decided to work on paper and textile subject headings as a possible preliminary step toward development of coding systems suitable for machine sorting.

The Microcard Committee has obtained consent from five paper journals and *Chemical Engineering* to be put on microcards. Several textile journals have been suggested for contact in the future. Ralph Baker will act as advisor to the Microcard Foundation in Madison, Wisconsin. The latter would handle the mechanical details of the project.

## Petroleum

Chairman ..... Charles Zerwekh, Jr.  
Humble Oil & Refining Company  
Baytown, Texas

Vice Chairman and Chairman Elect ..... Miss Jean Legg  
California Research Corporation  
La Habra Laboratory  
P. O. Box 446, La Habra, California

Secretary-Treasurer ..... Miss Helen McKenzie  
Research and Development Department  
The Atlantic Refining Company  
P. O. Box 2819, Dallas 1, Texas

Representative to Sci-Tech News ..... Dr. Gould H. Cloud  
Humble Oil & Refining Company  
P. O. Box 2180, Houston 1, Texas

Dr. Gould H. Cloud, member of the Petroleum Section and Immediate Past President of the Texas Chapter, spoke at the dedication of the new School of Library Science for the Texas State College for Women at Denton, Texas. His subject was "Opportunities for Special Librarians".

Dr. Cloud also spoke on "Water Boy to Member of the Team" at a panel discussion sponsored by the Louisiana Chapter in New Orleans. Other members of this panel included a consulting geologist, the Chief Administrator of the City of New Orleans, a geophysicist, a chemical engineer and a librarian. Dr. Cloud is in charge of the Houston Research Library of the Humble Oil and Refining Company.

*This month's news was submitted for the Petroleum Section by Chairman Charles Zerwekh.*

## Pharmaceutical

Chairman.....	James L. Olsen, Jr.
	Smith, Kline & French Laboratories
	Philadelphia 1, Pennsylvania
Vice-Chairman .....	Miss Mary Bonnar
	Wellcome Research Laboratories
	Tuckahoe 7, New York
Secretary.....	Miss Eloise Givens
	Sterling Winthrop Research Institute
	Rensselaer, New York
Treasurer.....	Miss Wilma Kujawski
	Distillation Products Industries
	Rochester 3, New York
Membership Chairman .....	Efren Gonzales
	Nepera Chemical Company
	Yonkers 2, New York

At the Pittsburgh convention, Miss Anne McCann reported that "Sources of Drug Information" (bibliography of sources throughout the world) has been compiled and is ready to be submitted for printing. It was recommended that it be sent to one of the outstanding pharmacy journals, rather than be treated as a Section paper.

Miss Charlotte Studer (Miles Laboratories) has accepted the editorship of COPNIP. Mrs. Katherine Owen has done an excellent job as editor in the past.

★

The Pharmaceutical Section may certainly be proud that one of their beloved and respected members, Irene Strieby, was recipient of the SLA Professional Award this year. The lovely coffee service was very much appreciated by Mrs. Strieby who, with characteristic generosity, invited us all to stop by and visit in her home. Science-Technology Division has been greatly enriched by the membership of this year's Award-winner. She has been involved with many of the worthwhile projects of the Division and of the vigorous Pharmaceutical Section. Her tireless efforts in the field of recruiting and library education have lifted high the standards which we are proud to try to follow.

## Public Utilities

Chairman .....	Miss Ethel S. Challies
	Shawinigan Water & Power Company, Ltd.
	600 Dorchester St., West, Montreal 2, Quebec
Vice-Chairman .....	Miss Irma A. Zink
	Potomac Electric Power Company
	10th & E Streets, N.W., Washington, D. C.
Secretary .....	Miss Helen P. Thompson
	Commonwealth Edison Company
	72 W. Adams St., Room 1200, Chicago 90, Illinois

## ADVISORY COMMITTEE

June 7, 1956

Mr. Richard Gremling called the meeting to order and presented G.E. Fielstra who suggested that Sci-Tech Division help A.A.A.S. set up a booth for an automation exhibit at the latter's annual convention. It was the consensus of opinion that this suggestion should be given to the Sci-Tech group of the New York Chapter.

**Section Allotments.** Each Division of the Association receives 3 per cent plus of division dues as its allotment. A budget should be set up for each section showing the amount allotted for expenditures. This amount is 8 cents per member. The Secretary-Treasurer was instructed to publish section allotments in **Sci-Tech News**. Section treasurers should send properly authorized bills to the Division Secretary-Treasurer, who will forward a check to the Section.

**Convention, 1957.** The 1956 combined meeting was favorably received and it was informally decided to ask the sections to turn over their program meetings to the Division again. These suggestions were made: 1) That the meeting be held at the convention hotel; 2) A whole day be devoted to the program; 3) The business meeting be separate. If a section wants a program in connection with a meal it should contact either Sidney J. Bragg or Miss Hanna Friedenstein.

**PB and Correlation Index.** Ellis Mount was appointed a committee of one to review the matter of issuing a new edition and to report to the Advisory Committee in November.

**Union List of Serials.** Three hundred dollars of Division funds was authorized for a typist to facilitate completion of the list.

**Sci-Tech News.** Each Section was urged to appoint a member to report its activities to the Editor. It was suggested that an attempt be made to have more than the two issues which are currently authorized. A Fall issue could contain a resume of the annual business meeting, names of Division Officers and Chairmen, and Section officers; a Winter issue could carry a resume of the Fall Advisory Committee meeting; the Spring issue would contain the Convention program.

*P.S. Our next issue will come out shortly after the Advisory Committee meeting in Princeton on November 3.*

**Scientific Meetings List.** Miss Elma Evans has volunteered to contribute listings for the Engineering Section. It was, therefore, resolved that each section be requested to make a list of magazines to be checked for their particular interests. The active committee will be composed of the Chairman, two people in her area, and one member of each section. Miss Alberta Brown, former Chairman, has made a list of existing, available lists which will be of use in starting the publication. This will probably be one main list with quarterly supplements to keep it up to date.

**Archives.** Section Officers and Chairmen of Committees: If you have material which should be sent in for S-T Division archives, please send it directly to Special Libraries Association, 31 East 10th Street, New York 3, New York. Our new archivist will go to headquarters, sort the material and file it there.

#### HAVE YOU VOTED?

Remember the ballot on proposed changes in the By-laws and Constitution for the Division? By the first of August only 30% of the ballots had been returned to the teller—hardly a representative reply. Therefore, the final date for sending ballots will be September 30, which will be approximately two weeks from the time this issue of SCI-TECH NEWS is mailed. If you have not received a ballot please request one from

Miss Alice V. Neil, Librarian  
Research Laboratory Library  
General Electric Company  
The Knolls  
Schenectady, New York

The ballots should be returned to

E. H. Elliott, Librarian  
Main Library, Building #2  
General Electric Company  
1 River Road  
Schenectady 5, New York

#### FALL ADVISORY COUNCIL MEETING

Sci-Tech Advisory Committee meeting will be held at the Princeton Inn, Princeton, New Jersey, on Saturday, November 3, 1956. All Division Officers and Committee Chairmen are invited. Those not attending should send alternates or forward progress reports to the Division Secretary. The S.L.A. Executive meeting will be held November 1-3 at the same place.

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## WITH THE CHAPTERS

### Oklahoma

The fall meeting, a dinner on September 28, will offer a round table of ideas from the Pittsburgh convention. Plans will also be made for participation in the annual meeting of the Southwest Library Association meeting at Oklahoma City, October 10-12, 1956.

★

Sci-Tech groups throughout the country have different emphases in their year's work. Some try to increase the friendliness within their own chapter. Others try to foster an exchange of ideas by receiving bulletins and notices from other groups. Chapter News in SCI-TECH NEWS is intended as a clearing house for news and ideas of general, and sometimes quite special, application by Sci-Tech members. Next issue, the last for 1956, will appear after the November Advisory Committee meeting.

### SECTION ALLOTMENTS

The Division allotment for 1955-1956, amounting to 8 cents per head, was received last October. The figures below show the balances in each Section on the last date there were any entries.

CHEMISTRY	May 28, 1956	\$ 71.66
ENGINEERING	Oct. 20, 1955	160.71
PETROLEUM	Mar. 20, 1956	12.40
PAPER & TEXTILES	Oct. 20, 1955	4.80
PUBLIC UTILITIES	Oct. 20, 1955	33.68

### IF YOU'RE A MEMBER, YOU GET IT!

Please notice that we no longer have a business manager. Do not send \$1.00 or \$2.00 for subscriptions, because it will be sent from all the past business managers to the Editor and thence returned. Your only admission to the pages of SCI-TECH NEWS is through membership in the Science-Technology Division. As soon as your affiliation with the Division is indicated, you automatically receive each issue of the NEWS. Those who joined since mid-April will receive this fall issue and one which is in prospect for this winter. Please inform your Purchasing Departments, if they are still trying to subscribe for you!

## SELECTED ABSTRACTS

### ABSTRACTING AND INDEXING

**National symbols in classification. Part II: Notation as an ordering device.** B. C. Vickery. J. DOC. 12(2):73-87 June 1956.

If at all possible the whole structure of classification—the schedules, the formulas, and the ways in which the simple terms will be combined in actual indexing—should be worked out before any notation is applied. Only in this way can the most suitable notation be chosen. Piecemeal additions to an existing notation are always needlessly complicated.

\*  
**Subject indexing in a restricted field.** I. D. Welt. SCIENCE 123:723-724 April 27, 1956

Discusses the recent Cardiovascular Literature Project set up at the Chemical-Biological Coordination Center which assures efficient information retrieval because of the detailed type of indexing that is used.

\*  
**An application of the direct entry principle in indexing.** O. T. Field. AMER. DOC. 7(3):225-228 July 1956

The Air University Library has experimented with the direct entry principle—the readers' approach—and the experiment works. The principles and applications of direct entry are explained.

\*  
**Studies in coordinate indexing. Vol. 3.** M. Taube and Associates. Documentation Inc., 1956. 165 p. \$5.00

A new concept of storage and retrieval theory and apparatus is formulated; coordinate indexing is discussed; a method of measuring the reference efficiency of different systems is presented.

\*  
**Management's DOCUMENTATION Preview** is a pocket-size compilation of contents pages from 100 domestic and foreign periodicals and books in business and management. Contents pages in each issue are classified in categories of: Automation and Instrumentation; Industrial Engineering and Operations Research; Manufacturing Management; Sales, Advertising, and Marketing Management; Office Management; Financial Management; Personnel Management; Public Administration; General Management; and the Business Scene. The publication appears twice a month. Basic annual service charge is \$55. Offices are located in Woodbury, New Jersey.

"Fillers" in this issue courtesy of various speakers at the convention.

**New views on indexing: post-combination systems.** C. Bjorkbom. TIDSKRIFT f BOK. 11(4): 41-44 1955

A radical revision of the principle of subject indexing has taken place because research reports and periodical articles often cover a combination of several subjects. The solution to the problem is found in post combination systems. Several such systems are described: Batten system, Uniterm, Cordonnier Selecto, Peek-a-boo cards and the system used at the National Bureau of Standards.

\*  
**Zatocoding and developments in information retrieval.** C. N. Mooers. ASLIB PROC. 8(1):3-22 Feb. 1956

The Zatocoding system for information retrieval is explained in detail covering the selector machine, the random code scheme, and the descriptor dictionary system. The time factor and costs are also discussed. The discussion contains much useful information.

## BIBLIOGRAPHY

**Catalogues and bibliographies of periodicals.** H. M. Gummer. J. DOC. 12(1):24-38 March 1956

A survey of the contents and scope of some of the more important catalogues, union lists, and bibliographies of periodicals published in the British Commonwealth and the United States since 1945.

\*  
**100 Periodicals for the librarian.** London, Library Association, 1955

A handlist of one hundred periodicals from 22 countries of professional periodicals for librarians.

\*  
**Looking around.** D. W. MacEachron. HARVARD BUS. REV. 34(3):153-154,156,158,160,162,164-165 May-June 1956

Many UN publications are authoritative sources of information for the businessman concerned with foreign trade. The author discusses economic reports, documents dealing with industrializing underdeveloped countries, studies on foreign private investment, private restrictions to trade, aspects of international trade, and statistical publications.

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**Indexing Services of Chemical Abstracts, Current List of Medical Literature, and Quarterly Cumulative Index Medicus in the field of Medical medical sciences.** BULL. MEDICAL LIBRARY ASSOC. 43(4):474-483 Oct. 1955

These abstracting journals are compared on the basis of their published lists of periodicals abstracted. Only 2000 out of the 12,000 journals listed in Periodica medica are covered in all the abstracting journals.

CLML has the best coverage. The combination of CLML and CA is the best coverage of individual subjects and language groups. CA has a better coverage of journals in the little-known languages. Author suggests a merger of CLML and QCIM and an exchange of abstracts or journals with CA.

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**Chemical abstracts service.** E. J. Crane. ASLIB PROC. 8(1):38-50 Feb. 1956

The editor of CHEMICAL ABSTRACTS briefly discusses the features of this abstracting service and some of the contemplated new services.

\*

**The literature of instrumentation for radiological studies.** M. Comstock. IRE TRANS. ON NUCLEAR SCIENCE. NS-3 (3):15-17 June 1956

A good introduction to the literature of instrumentation is "Guide to instrumentation literature" which contains an extensive bibliography. The various abstract journals, books, report literature, and other approaches to the literature are discussed.

\*

**Atomic information for engineers and industrialists.** Editor. METAL PROGRESS 69(5):91-94 May 1956

The article describes the impediments which have blocked the publication of engineering and industrial information from the A.E.C.'s operations and contractors, in distinction to the steady flow of scientific papers from staff members. The new Atomic Energy Act of 1954 has resulted in a release of engineering information to American industry, cooperation between the A.E.C. and American engineering and scientific societies in arranging technical programs, and meetings on atomic power and industrial cooperation sponsored by business organizations.

\*

**The literature of geochemistry.** M. H. Shera. MSLSThesis, Western Reserve University, 1955

A survey is made of the sources of geochemical information: 1) indexes and abstract journals, 2) journals and serials, 3) review literature, 4) books, 5) societies.

\*

**The literature of pesticide toxicology.** H. F. Smyth. J. AGR. & FOOD CHEM. 4(7):644-646 July 1956

Specific sources of information for people who require literature on the toxicology of pesticides are suggested.

\*

**Literature of chemical weed control.** C. J. Willard & E. K. Alban. J. AGR. & FOOD CHEM. 4(5): 454-455 May 1956

This literature is scattered throughout scientific publications and hard to find. Sources of practical information are listed as well as periodicals, bibliographies, and abstracting journals.

Page 10

**The literature of microreproduction, 1950-1955.** L.K. Born, AMER. DOC. 7(3):167-187 July 1956

Biographical references relating to all aspects of microreproduction that have appeared since the publication in 1950 of the Library of Congress bibliography on the subject are assembled. The references are grouped under these headings: technical matters, generalia, applications.

\*

**Scandinavian Chemical literature.** J. F. Smith. J. CHEM. EDUC. 33(3):135-137 March 1956

The periodicals and serial publications of Sweden, Norway, Denmark and Iceland emanating from universities, academies, societies and government agencies are discussed and a list of 88 representative publications is appended.

\*

**Publication of literature on applied chemistry in the Soviet Union.** M. M. Zhavoronkov. J. DOC. 12(2):106-113 June 1956

The author reviews the intensive development of chemical literature publication in Russia. The names of the major publishing houses specializing in chemistry and chemical technology are listed. Then follows a discussion of ten types of publications represented in the Soviet Union: classical scientific works, monographs, textbooks, popular scientific books, reference literature, periodicals.

\*

**Institute of scientific information of the Academy of Sciences of the U.S.S.R.** D. Y. Panov. J. DOC. 12(2):94-100 June 1956

The work of the ISI in publishing 8 abstract journals and carrying out various auxiliary work connected with its basic activities is told.

\*

**Abstracts journal chemistry of the Academy of Sciences of the USSR.** V. V. Serpinsky. J. DOC. 12(2):100-106 June 1956

The author tells how the 2 year old abstracts journal Chemistry meets the requirements of completeness, adequacy of abstracts, convenience in use, and promptness of abstracting.

\*

**Russian bear talks about his own work.** M. Sittig. PETROLEUM PROCESSING 11(2):55-59 Feb. 1956

In addition to giving suggestions on how to acquire a brief but useful Russian technical vocabulary, the author tells us what materials can be obtained in the Russian language and where they can be obtained. Russian technical magazines are listed as well as their American counterparts. Dictionaries and other tools of translation are discussed.

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The child who put together a jig-saw puzzle of the world, explained that he really worked on the man whose picture was on the back. When the man on the back came out, the world came out all right, too.

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**New Russian metallurgical publications.** A. G. Guy. *METAL PROGRESS* 69(5):78-80 May 1956

Two new journals are reported: *Metallography and Treatment of Metals* and *Physics of Metals and Metallography*.

## DOCUMENTARY REPRODUCTION

**Microrecording: industrial and library applications.** C. M. Lewis and W. H. Offenhauser. *INTERSCIENCE*, 1956. 456 p. \$8.50

The purposes and techniques of a microrecording program are fully presented, and details of the types of equipment that are available. There is a chapter on storage and the appendix contains much useful information on records retention, American Standard specifications for film, lenses, printing and projection equipment, and microcards; also a list of microfilm services.

\*

**MICROCOSM** Vol. I, No. 1, Winter 1955. University Microfilms, 313 North First St., Ann Arbor, Mich.

News of microfilming in all its phases.

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## LIBRARY ADMINISTRATION

**Library—Book trade relations in the field of current books.** D. Coppola. *COLL. & RES. LIBRARIES* 17(4):330-333 July 1956

Suggestions for improving the relationship between bookseller and librarian.

\*

**Planning a research center.** H. Skolnick. *Res. & Eng.* 11(7):26-29 July 1956

Gathering and disseminating information on research and development in any company demands sound planning and organization. Outlined here is a hypothetical Research Information Center, designed to help the technical staff.

## LITERATURE SEARCHING

**Effective utilization of the literature.** R. M. Lawrence & J. H. Sprague. In: R. E. Chaddock's "Chemical Market Research". Reinhold, 1956. Chap. 4, p. 40-54

An effective order of searching the literature is: 1) abstracts, indexes, and bibliographies, 2) surveys and reviews, 3) statistical compilations, 4) basic sources of commodity data, 5) basic sources of company data, 6) regional reports. The standard sources are discussed. A selected bibliography of government and private publications is appended.

\*

**Use of the entomological literature by the agricultural chemical specialist.** F. A. Gunther & L. A. Riehl. *J. AGR. & FOOD CHEM.* 4(5):455-460 May 1956

Success in searching entomological literature depends upon knowing what to seek and where to look. Obstacles to efficient literature searching are the confusion as to chemical and insect terminology and difficulties in locating borderline subject matter in abstracts and indexes. Suggestions for searching for this type of information is presented.

\*

**Machine literature searching.** J. W. Perry, A. Kent and M. M. Berry. *INTERSCIENCE*, 1956. 162 p. \$4.00

Fifteen essays, the first 10 of which appeared in *AMERICAN DOCUMENTATION* 1954-1955 discuss the fundamental principles of mechanized bibliographic organization and related problems as machine design, indexing, terminology, code development, semantic units, definition, and operational criteria.

\*

**Library searches with punched-card machines.** W. F. Brown & G. Oneal. *SCIENCE* 123:722-723 April 27, 1956

The abstracting, coding, and search procedures with machine methods as employed at Sun Oil Company's Physical Laboratory are explained.

\*

**New speed to structural searches.** A. Opler and T. R. Norton. *C. & E. N.* 34(23):2812-2814, 2816. June 4, 1956

The authors developed a coding system at Dow Chemical Co. that requires less than 2 minutes per compound and searching with high speed computers requires from 2 to 15 minutes per 1000 organic compounds.

\*

We won't have peace until our hearts catch up with our heads. (Mrs. Jacobson)

## SPECIAL LIBRARIES AND INFORMATION SERVICES

**The role of professional periodicals in education for library and information work.** J. Bird. *ASLIB PROC.* 8(1):55-67 Feb. 1956

The author emphasizes the need for research, and for people to be trained with the research approach to their work. The schools can do this by making library journals available to the student.

\*

**Some current problems.** Reference and Special Libraries Section, Library Association, London, 1955. 35 p.

Four papers constitute the proceedings of the Annual Conference, Reference and Special Libraries

Section, Library Association, April 1955. They are: 1) Enquiry techniques, P. Casimir, 2) The presentation of information, B. C. Vickery, 3) Foreign material —selection by A. J. Walford, 4) The cooperative provision of foreign material by E. A. Baker.

\*  
**Documentation is a leading factor of enterprise.** K. F. 11. CHEMISCHE INDUSTRIE 8(6):289-291. June 1956

Documentation must be one of the leading instruments of any concern. The head person of such a statistical documentation section should be looked on as one of the leading business figures, and in large concerns he should hold a directory position. Cost figures are given for upkeep of a documentation department.

\*  
**Information—a national resource.** S. Adams. AMER. DOC. 7(2):71-75 April 1956

Information resources like the natural and the manpower resources are potential rather than actual. The role of documentation is to improve the techniques for the extraction of information thereby turning the potential to profitable account. The author suggests 5 targets for organized documentation.

\*  
**Enquiry Techniques.** P. Casimir. Library Association. Reference & Special Libraries Section. Proc. Annual Conf. 1955:7-13

The essentials of good reference work are summarized. Various ways of doing it are described.

\*  
**Patterns in science libraries.** S. Herner. C. & E. N. 34(19):2317-2319 May 7, 1956

The author maintains that pure and applied scientists differ in their approach to the scientific literature. Therefore, the library requirements for these types of clientele differ.

\*  
**Facts at their fingertips.** Staff. C. & E. N. 34(25):2762,2764. June 4, 1956

A special Marketing Information Center was set up in New York by Carbide and Carbon Chemicals Co. to serve the executive staff as well as sales, market research, technical service, product development, and advertising. The center has a staff of 6 (to be increased to 12) headed by a veteran Carbide man. The center inherited 75,000 items, culs 100 periodicals and newspapers for up-to-date information, uses Verifax equipment. It plans to install a Multilith machine and an IBM punch-card system, and is expected to spend \$100,000 by the end of its first year of operation.

\*  
**Metallurgical library pays its own way.** M. O. Baker. IRON AGE 178(5):96-98 Aug. 2, 1956

This article gives realistic cost data to prove the need for a metallurgical library. It is based on the

average needs of a 20-man-research-team company and breaks down initial, operating costs, and rates both against the cost of present methods.

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## TECHNICAL PROCESSES

**Periodicals and their circulation in research libraries.** A. Seppala. KIRJASTOLEHTI 48(7):164-7 Sept. 1955

The advantages of circulation outweigh the drawbacks. The distribution of tables of contents is not an adequate substitute.

\*

**Automation in the library—an annotated bibliography.** H. E. Lotus and A. Kent. AMER. DOC. 7(2):110-126 April 1956.

93 references are annotated.

\*

**Film records management.** H. M. Baumhofer. AMER. ARCHIVIST 19(3):235-248 July 1956

The archival management of photographic records presents certain special problems not normally met in paper records management. These include the difficulty of establishing the archival origin, the difficulty of records analysis, the complexity of records descriptions, the lack of established disposal procedures, the scope of and restrictions on service, and the preservation of records on a temporary medium.

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## TECHNICAL WRITING

**The psychosemanticist will see you now, Mr. Thurber.** J. Thurber. SCIENCE 123:705-707 April 27, 1956

An amusing plea for sense and sanity in our speech and writing.

\*

**The presentation of information.** B. C. Vickery. Library Assoc., Reference & Special Libraries Section. Proceedings Annual Conference 1955: 14-22.

Special libraries offer help in the preparation of reports and should stock books on good English, dictionaries, instructions to authors, rules for citation of bibliographical references, tables for transliteration and proof correction symbols, and literature on reproduction processes.

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**How readable is chemical literature?** R. J. Roth. AMER. DOC. 7(3):215-221 July 1956

The author presents briefly the results of recent research in readability and reviews and offers certain suggestions aimed at improving readability.

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